RMP Chemical Processes

Total: 20210 processes

Ammonia (anhydrous) 33%
Ammonia (aq) 2%
Sulfur dioxide 3%
Propane 7%
Flammable Mixture 11%
Chlorine 18%

Legend:
- Butane
- Formaldehyde
- Isobutane
- Hydrogen fluoride (50% or >)
- Pentane
- Propylene
- Methane
- Hydrogen
- Isopentane
- All Others
RMP Accident Rates
(categorized by NAICS Code; normalized by number of processes in sector)

NAICS Description

RMP Five-Year Accident Totals
(categorized by chemical type)
RMP Accident Rates
(categorized by chemical type; normalized by number of processes containing chemical)
OCA Toxic Endpoint Distance

Number of Facilities

Endpoint Distance (miles)

Cumulative %
Residential Population - Toxic Worst Case Scenarios

Number of Facilities

Residential Population

- 10
- 100
- 1000
- 10000
- 100000
- 1000000
- More

The graph shows the number of facilities in different residential population categories.
# Descriptive Statistics for OCA Data

<table>
<thead>
<tr>
<th>Distance or Population</th>
<th>Type of Scenario</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Toxic Worst Case</td>
<td>Toxic Alternative Release</td>
<td>Flammable Worst Case</td>
<td>Flammable Alternative Release</td>
<td></td>
</tr>
<tr>
<td><strong>Endpoint Distance (miles)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mean</td>
<td>2.9</td>
<td>0.45</td>
<td>0.44</td>
<td>0.14</td>
<td></td>
</tr>
<tr>
<td>Median</td>
<td>1.6</td>
<td>0.22</td>
<td>0.40</td>
<td>0.1</td>
<td></td>
</tr>
<tr>
<td>Mode</td>
<td>1.3</td>
<td>0.1</td>
<td>0.40</td>
<td>0.1</td>
<td></td>
</tr>
<tr>
<td>Std Dev</td>
<td>4.2</td>
<td>0.65</td>
<td>0.40</td>
<td>0.18</td>
<td></td>
</tr>
<tr>
<td>Range</td>
<td>60</td>
<td>18</td>
<td>6.9</td>
<td>4.4</td>
<td></td>
</tr>
<tr>
<td><strong>Residential Population</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mean</td>
<td>40247</td>
<td>1024</td>
<td>668</td>
<td>87</td>
<td></td>
</tr>
<tr>
<td>Median</td>
<td>1500</td>
<td>40</td>
<td>15</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Mode</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Std Dev</td>
<td>2.8E5</td>
<td>1.5E4</td>
<td>3.8E3</td>
<td>9.2E2</td>
<td></td>
</tr>
<tr>
<td>Range</td>
<td>1.2E7</td>
<td>1.6E6</td>
<td>1.2E5</td>
<td>4.0E4</td>
<td></td>
</tr>
</tbody>
</table>